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## RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/461,061A

DATE: 07/26/2001

TIME: 16:59:52

Input Set : A:\SEQUENCE LISTING-6056260US.txt  
Output Set: N:\CRF3\07262001\I461061A.raw

P# 11

5 <110> APPLICANT: McCrae, Keith R.  
9 <120> TITLE OF INVENTION: Inhibition of Angiogenesis By High Molecular Weight  
11 Kininogen Domain 3 Peptide Analogs  
15 <130> FILE REFERENCE: 6056-260 US  
C--> 19 <140> CURRENT APPLICATION NUMBER: US/09/461,061A  
C--> 21 <141> CURRENT FILING DATE: 1999-12-15  
25 <150> PRIOR APPLICATION NUMBER: 60/112,427  
27 <151> PRIOR FILING DATE: 1998-12-16  
31 <160> NUMBER OF SEQ ID NOS: 22  
35 <170> SOFTWARE: PatentIn Ver. 2.0  
39 <210> SEQ ID NO: 1  
41 <211> LENGTH: 8  
43 <212> TYPE: PRT  
45 <213> ORGANISM: Artificial Sequence  
49 <220> FEATURE:  
51 <223> OTHER INFORMATION: Description of Artificial Sequence: Human high  
53 molecular weight kininogen (HK) fragment from  
55 domain 3 thereof  
59 <400> SEQUENCE: 1  
61 Asn Asn Ala Thr Phe Tyr Phe Lys  
63 1 5  
69 <210> SEQ ID NO: 2  
71 <211> LENGTH: 12  
73 <212> TYPE: PRT  
75 <213> ORGANISM: Artificial Sequence  
79 <220> FEATURE:  
81 <223> OTHER INFORMATION: Description of Artificial Sequence: Fragment of  
83 human HK domain 3  
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91 1 5 10  
97 <210> SEQ ID NO: 3  
99 <211> LENGTH: 12  
101 <212> TYPE: PRT  
103 <213> ORGANISM: Artificial Sequence  
107 <220> FEATURE:  
109 <223> OTHER INFORMATION: Description of Artificial Sequence: Fragment of  
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117 Ile Asp Asn Val Lys Lys Ala Arg Val Gln Val Val  
119 1 5 10  
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127 <211> LENGTH: 32  
129 <212> TYPE: PRT  
131 <213> ORGANISM: Artificial Sequence  
135 <220> FEATURE:  
137 <223> OTHER INFORMATION: Description of Artificial Sequence: Fragment of

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139 human HK domain 3  
 143 <400> SEQUENCE: 4  
 145 Thr Leu Thr His Thr Ile Thr Lys Leu Asn Ala Glu Asn Asn Ala Thr  
 147 1 5 10 15  
 151 Phe Tyr Phe Lys Ile Asp Asn Val Lys Lys Ala Arg Val Gln Val Val  
 153 20 25 30  
 165 <210> SEQ ID NO: 5  
 167 <211> LENGTH: 4  
 169 <212> TYPE: PRT  
 171 <213> ORGANISM: Artificial Sequence  
 175 <220> FEATURE:  
 177 <223> OTHER INFORMATION: Description of Artificial Sequence: Fragment of  
 179 human HK domain 3  
 183 <400> SEQUENCE: 5  
 185 Cys Val Gly Cys  
 187 1  
 193 <210> SEQ ID NO: 6  
 195 <211> LENGTH: 11  
 197 <212> TYPE: PRT  
 199 <213> ORGANISM: Artificial Sequence  
 203 <220> FEATURE:  
 205 <223> OTHER INFORMATION: Description of Artificial Sequence: Fragment of  
 207 human HK domain 3  
 211 <400> SEQUENCE: 6  
 213 Gly Lys Asp Phe Val Gln Pro Pro Thr Lys Ile  
 215 1 5 10  
 221 <210> SEQ ID NO: 7  
 223 <211> LENGTH: 12  
 225 <212> TYPE: PRT  
 227 <213> ORGANISM: Artificial Sequence  
 231 <220> FEATURE:  
 233 <223> OTHER INFORMATION: Description of Artificial Sequence: Fragment of ✓  
 235 human HK domain 3  
 239 <400> SEQUENCE: 7  
 241 Pro Arg Asp Ile Pro Thr Asn Ser Pro Glu Leu Glu  
 243 1 5 10  
 249 <210> SEQ ID NO: 8  
 251 <211> LENGTH: 27  
 253 <212> TYPE: PRT  
 255 <213> ORGANISM: Artificial Sequence  
 259 <220> FEATURE:  
 261 <223> OTHER INFORMATION: Description of Artificial Sequence: Fragment of ✓  
 263 human HK domain 3  
 267 <400> SEQUENCE: 8  
 269 Gly Lys Asp Phe Val Gln Pro Pro Thr Lys Ile Cys Val Gly Cys Pro  
 271 1 5 10 15  
 275 Arg Asp Ile Pro Thr Asn Ser Pro Glu Leu Glu  
 277 20 25  
 283 <210> SEQ ID NO: 9

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285 <211> LENGTH: 16  
287 <212> TYPE: PRT  
289 <213> ORGANISM: Artificial Sequence  
293 <220> FEATURE:  
295 <223> OTHER INFORMATION: Description of Artificial Sequence: Fragment of  
297 human HK domain 3  
301 <400> SEQUENCE: 9  
303 Thr Ile Thr Lys Leu Asn Ala Glu Asn Asn Ala Thr Phe Tyr Phe Lys  
305 1 5 10 15  
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313 <211> LENGTH: 16  
315 <212> TYPE: PRT  
317 <213> ORGANISM: Artificial Sequence  
321 <220> FEATURE:  
323 <223> OTHER INFORMATION: Description of Artificial Sequence: Fragment of  
325 human HK domain 3  
329 <400> SEQUENCE: 10  
331 Asn Asn Ala Thr Phe Tyr Phe Lys Ile Asp Asn Val Lys Lys Ala Arg  
333 1 5 10 15  
339 <210> SEQ ID NO: 11  
341 <211> LENGTH: 16  
343 <212> TYPE: PRT  
345 <213> ORGANISM: Artificial Sequence  
349 <220> FEATURE:  
351 <223> OTHER INFORMATION: Description of Artificial Sequence: Fragment of  
353 human HK domain 3  
357 <400> SEQUENCE: 11  
359 Thr Lys Ile Cys Val Gly Cys Pro Arg Asp Ile Pro Thr Asn Ser Pro  
361 1 5 10 15  
367 <210> SEQ ID NO: 12  
369 <211> LENGTH: 8  
371 <212> TYPE: PRT  
373 <213> ORGANISM: Artificial Sequence  
377 <220> FEATURE:  
379 <223> OTHER INFORMATION: Description of Artificial Sequence: Analog of  
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385 <400> SEQUENCE: 12  
387 Leu Asp Ala Asn Ala Glu Val Tyr  
389 1 5  
395 <210> SEQ ID NO: 13  
397 <211> LENGTH: 12  
399 <212> TYPE: PRT  
401 <213> ORGANISM: Artificial Sequence  
405 <220> FEATURE:  
407 <223> OTHER INFORMATION: Description of Artificial Sequence: Fragment of  
409 human HK domain 3  
413 <400> SEQUENCE: 13  
415 Thr Glu Ser Cys Glu Thr Lys Lys Leu Gly Gln Ser  
417 1 5 10

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Input Set : A:\SEQUENCE LISTING-6056260US.txt

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427 <212> TYPE: PRT  
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435 <223> OTHER INFORMATION: Description of Artificial Sequence: Fragment of ✓  
437 human HK domain 3  
441 <400> SEQUENCE: 14  
443 Val Val Pro Trp Glu Lys Lys Ile Tyr Pro Thr Val  
445 1 5 10  
451 <210> SEQ ID NO: 15  
453 <211> LENGTH: 16  
455 <212> TYPE: PRT  
457 <213> ORGANISM: Artificial Sequence ✓  
461 <220> FEATURE:  
463 <223> OTHER INFORMATION: Description of Artificial Sequence: Fragment of ✓  
465 human HK domain 3  
469 <400> SEQUENCE: 15  
471 Glu Thr Lys Lys Leu Gly Gln Ser Leu Asp Ala Asn Ala Glu Val Tyr  
473 1 5 10 15  
479 <210> SEQ ID NO: 16  
481 <211> LENGTH: 16  
483 <212> TYPE: PRT  
485 <213> ORGANISM: Artificial Sequence ✓  
489 <220> FEATURE:  
491 <223> OTHER INFORMATION: Description of Artificial Sequence: Analog of ✓  
493 human HK domain 3 fragment  
497 <400> SEQUENCE: 16  
499 Leu Asp Ala Asn Ala Glu Val Tyr Val Val Pro Trp Glu Lys Lys Ile  
501 1 5 10 15  
507 <210> SEQ ID NO: 17  
509 <211> LENGTH: 32  
511 <212> TYPE: PRT  
513 <213> ORGANISM: Artificial Sequence ✓  
517 <220> FEATURE:  
519 <223> OTHER INFORMATION: Description of Artificial Sequence: Analog of ✓  
521 human HK domain 3 fragment  
525 <400> SEQUENCE: 17  
527 Thr Glu Ser Cys Glu Thr Lys Lys Leu Gly Gln Ser Leu Asp Ala Asn  
529 1 5 10 15  
533 Ala Glu Val Tyr Val Val Pro Trp Glu Lys Lys Ile Tyr Pro Thr Val ✓  
535 20 25 30  
547 <210> SEQ ID NO: 18  
549 <211> LENGTH: 123  
551 <212> TYPE: PRT  
553 <213> ORGANISM: Artificial Sequence ✓  
557 <220> FEATURE:  
559 <223> OTHER INFORMATION: Description of Artificial Sequence: Human HK  
561 domain 3

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Input Set : A:\SEQUENCE LISTING-6056260US.txt  
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565 <400> SEQUENCE: 18  
567 Gly Lys Asp Phe Val Gln Pro Pro Thr Lys Ile Cys Val Gly Cys Pro  
569 1 5 10 15  
573 Arg Asp Ile Pro Thr Asn Ser Pro Glu Leu Glu Thr Leu Thr His  
575 20 25 30  
579 Thr Ile Thr Lys Leu Asn Ala Glu Asn Asn Ala Thr Phe Tyr Phe Lys  
581 35 40 45  
585 Ile Asp Asn Val Lys Lys Ala Arg Val Gln Val Val Ala Gly Lys Lys  
587 50 55 60  
591 Tyr Phe Ile Asp Phe Val Ala Arg Glu Thr Thr Cys Ser Lys Glu Ser  
593 65 70 75 80  
597 Asn Glu Glu Leu Thr Glu Ser Cys Glu Thr Lys Lys Leu Gly Gln Ser  
599 85 90 95  
603 Leu Asp Cys Asn Ala Glu Val Tyr Val Val Pro Trp Glu Lys Lys Ile  
605 100 105 110  
609 Tyr Pro Thr Val Asn Cys Gln Pro Leu Gly Met✓  
611 115 120  
617 <210> SEQ ID NO: 19  
619 <211> LENGTH: 16  
621 <212> TYPE: PRT  
623 <213> ORGANISM: Artificial Sequence  
627 <220> FEATURE:  
629 <223> OTHER INFORMATION: Description of Artificial Sequence: Human HK  
631 domain 3  
635 <400> SEQUENCE: 19  
637 Tyr Phe Ile Asp Phe Val Ala Arg Glu Thr Thr Cys Ser Lys Glu Ser✓  
639 1 5 10 15  
645 <210> SEQ ID NO: 20  
647 <211> LENGTH: 16  
649 <212> TYPE: PRT  
651 <213> ORGANISM: Artificial Sequence  
655 <220> FEATURE:  
657 <223> OTHER INFORMATION: Description of Artificial Sequence: Analog of  
659 human HK domain 3 fragment  
663 <400> SEQUENCE: 20  
665 Tyr Phe Ile Asp Phe Val Ala Arg Glu Thr Thr Ala Ser Lys Glu Ser✓  
667 1 5 10 15  
673 <210> SEQ ID NO: 21  
675 <211> LENGTH: 8  
677 <212> TYPE: PRT  
679 <213> ORGANISM: Artificial Sequence  
683 <220> FEATURE:  
685 <223> OTHER INFORMATION: Description of Artificial Sequence: Fragment of  
687 human HK domain 3  
691 <400> SEQUENCE: 21  
693 Leu Asp Cys Asn Ala Glu Val Tyr  
695 1 5  
699 <210> SEQ ID NO: 22  
701 <211> LENGTH: 5

**VERIFICATION SUMMARY**

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L:19 M:270 C: Current Application Number differs, Replaced Application Number

L:21 M:271 C: Current Filing Date differs, Replaced Current Filing Date